FIG.1
(PRIOR ART)

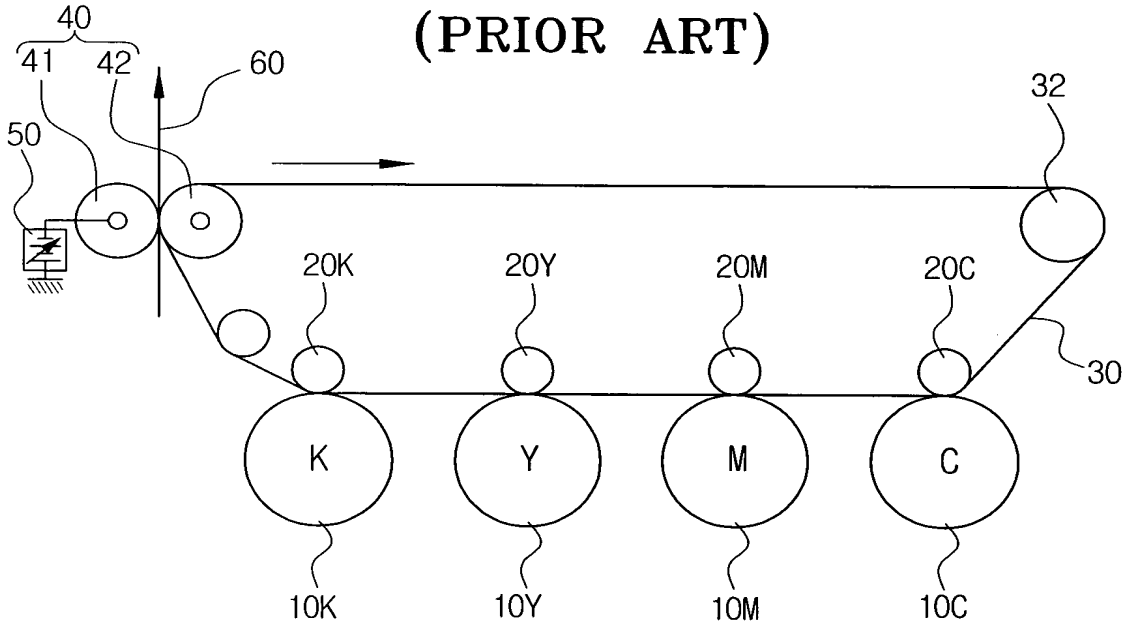


FIG.2

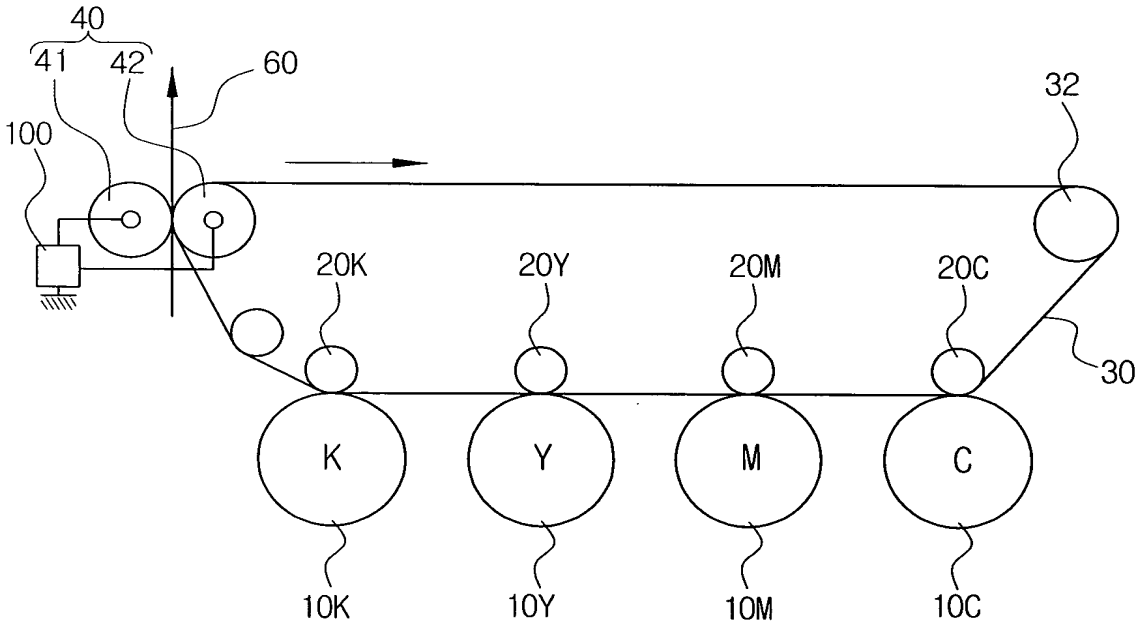


FIG.3

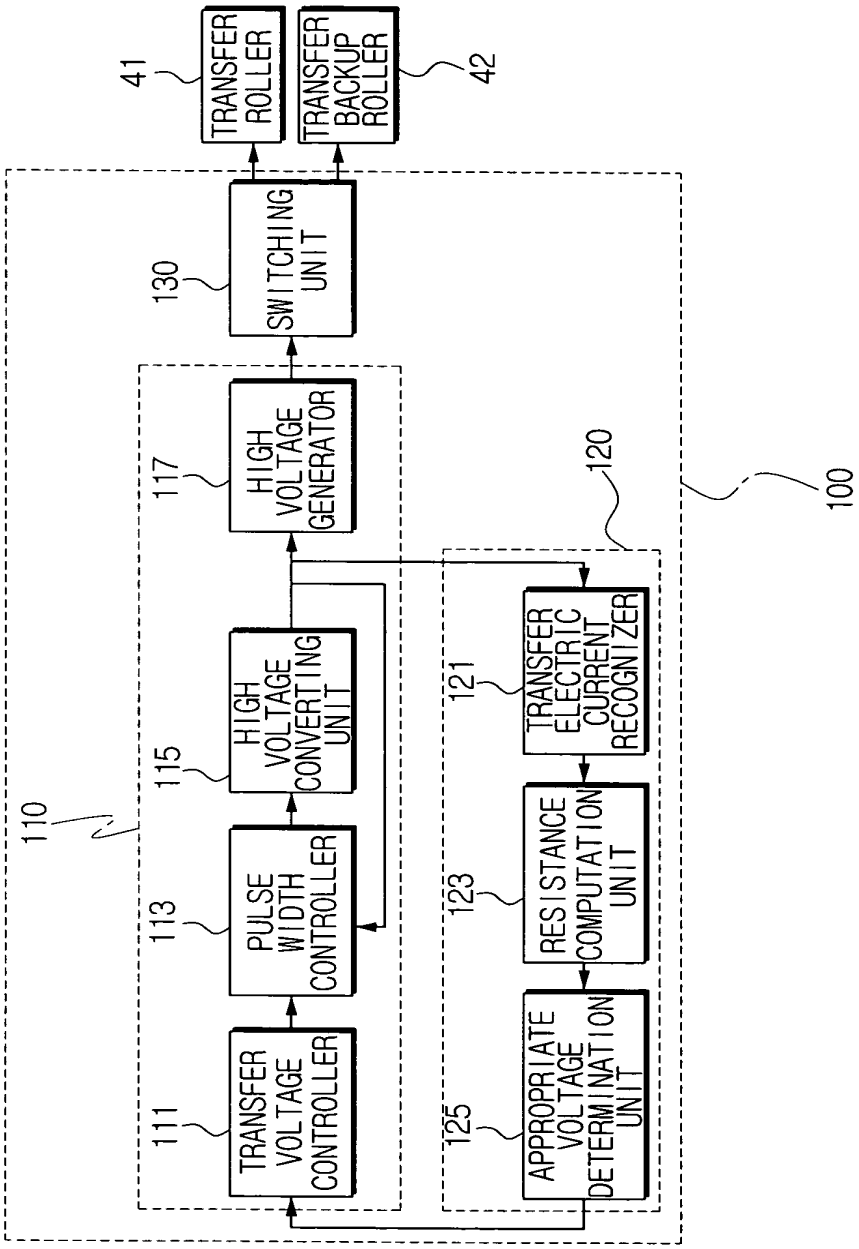

41
TRANSFER ROLLER
42
TRANSFER BACKUP ROLLER
130
SWITCHING UNIT
117
HIGH VOLTAGE GENERATOR
120
100
110
115
HIGH VOLTAGE CONVERTING UNIT
121
TRANSFER ELECTRIC CURRENT RECOGNIZER
113
PULSE WIDTH CONTROLLER
123
RESISTANCE COMPUTATION UNIT
111
TRANSFER VOLTAGE CONTROLLER
125
APPROPRIATE VOLTAGE DETERMINATION UNIT

FIG.4

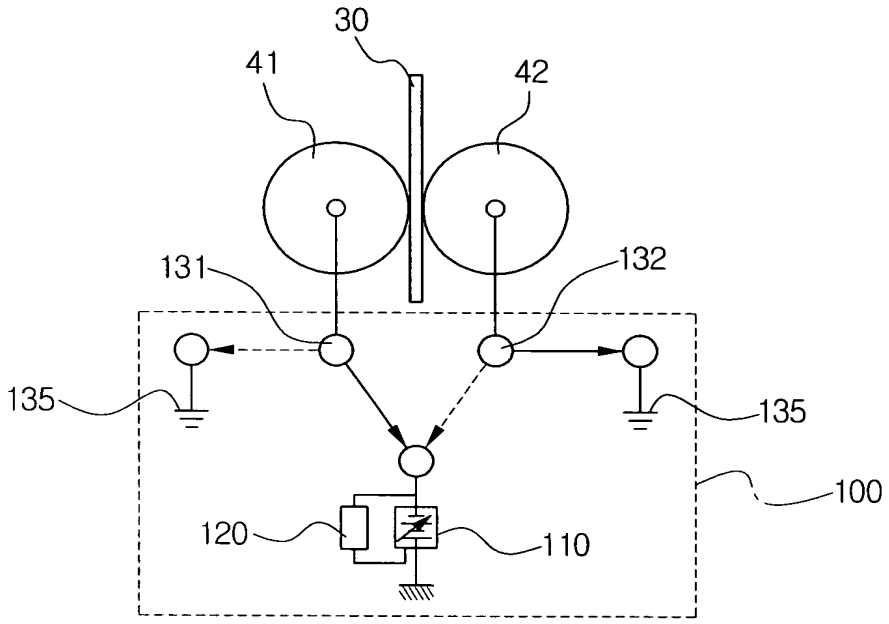
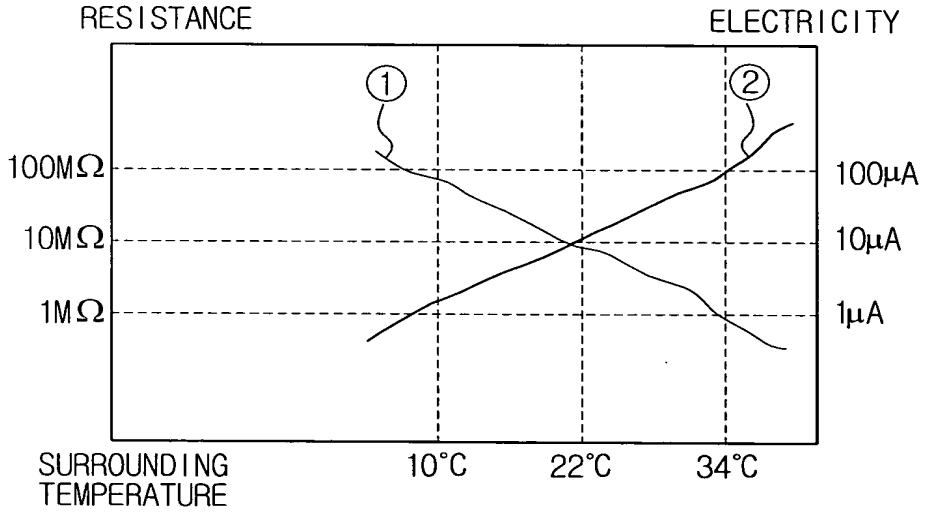

30
41
42
131
132
135
135
100
120
110

FIG.5


RESISTANCE
ELECTRICITY
①
②
100MΩ
10MΩ
1MΩ
100μA
10μA
1μA
SURROUNDING TEMPERATURE
10°C
22°C
34°C

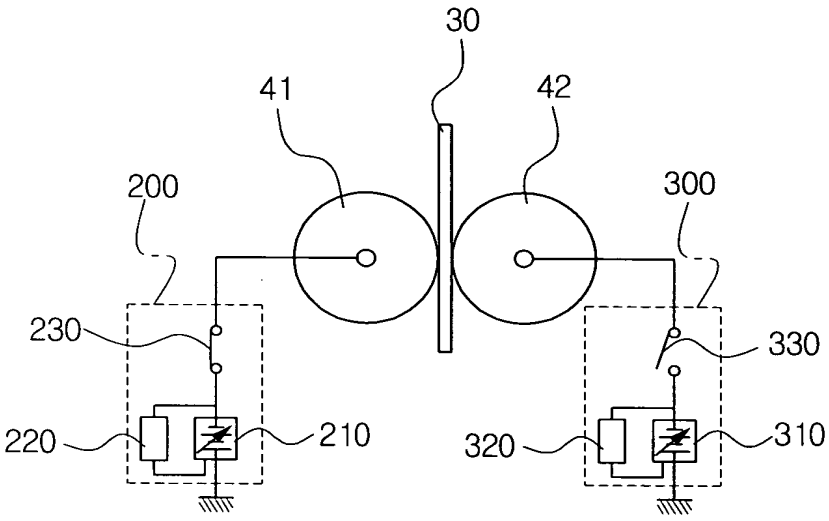



FIG.6